

JC17 Rec'd PCT/PTO 16 SEP 2005

IN THE CLAIMS:

Please amend the claims as follows:

Cancel claims 1-14.

15. (New) A sending-receiving system comprising a sender apparatus for transmitting data and a receiver apparatus for receiving said data transmitted by said sender apparatus;

wherein said sender apparatus includes:

an acquiring section for acquiring said data;

a supplementing section for supplementing said data acquired by said acquiring section with sequence information for indicating a sequence of said data;

a sending section for transmitting to said receiver apparatus said data supplemented with said sequence information by said supplementing section;

a storing section for storing said data supplemented with said sequence information by said supplementing section; and

an ordering section for ordering said sending section to transmit the data retrieved from said storing section upon elapse of a predetermined time period following transmission of said data by said sending section; and

wherein said receiver apparatus includes:

a receiving section for receiving said data transmitted by said sending section;

a determining section for determining whether or not said data received by said receiving section has been received already based on said sequence information extracted from said data; and

a storage controlling section for discarding said data if said data received by said receiving section is found already received, said storage controlling section further storing said data if said data received by said receiving section is not found received already.

16. (New) A sender apparatus comprising:

an acquiring section for acquiring data;

a supplementing section for supplementing said data acquired by said acquiring section with sequence information for indicating a sequence of said data;

a sending section for transmitting said data supplemented with said sequence information by said supplementing section;

a storing section for storing said data supplemented with said sequence information by said supplementing section; and

an ordering section for ordering said sending section to transmit the data retrieved from said storing section upon elapse of a predetermined time period following transmission of said data by said sending section.

17. (New) The sender apparatus according to claim 16, further comprising a determining section for determining whether or not predetermined data is included in said data acquired by said acquiring section;

wherein said storing section stores said predetermined data if said determining section determines that said predetermined data is included in said data; and

wherein said ordering section retrieves said predetermined data from said storing section and orders said sending section to transmit said predetermined data thus retrieved.

18. (New) The sender apparatus according to claim 16, further comprising a determining section for determining whether or not audio data is included in said data acquired by said acquiring section;

wherein, if said determining section determines that audio data is included in said data, then said storing section stores said audio data and a header attached to said audio data; and

wherein said ordering section retrieves said header and said audio data from said storing section and orders said sending section to transmit the retrieved header and audio data.

19. (New) The sender apparatus according to claim 18, wherein said header is an RTP header.

20. (New) A sending method comprising the steps of:

controlling acquisition of data;

supplementing said data acquired in said acquisition controlling step with sequence information for indicating a sequence of said data;

controlling transmission of said data supplemented with said sequence information in said supplementing step;

controlling storage of said data supplemented with said sequence information in said supplementing step; and

ordering said transmission controlling step to transmit said data retrieved from storage under control of said storage controlling step upon elapse of a predetermined time period following transmission of said data in said transmission controlling step.

21. (New) A recording medium which records a program in a manner readable by a computer, said program comprising the steps of:

controlling acquisition of data;

supplementing said data acquired in said acquisition controlling step with sequence information for indicating a sequence of said data;

controlling transmission of said data supplemented with said sequence information in said supplementing step;

controlling storage of said data supplemented with said sequence information in said supplementing step; and

ordering said transmission controlling step to transmit said data retrieved from storage under control of said storage controlling step upon elapse of a predetermined time period following transmission of said data in said transmission controlling step.

22. (New) A program for causing a computer to execute a procedure comprising the steps of:

controlling acquisition of data;

supplementing said data acquired in said acquisition controlling step with sequence information for indicating a sequence of said data;

controlling transmission of said data supplemented with said sequence information in said supplementing step;

controlling storage of said data supplemented with said sequence information in said supplementing step; and

ordering said transmission controlling step to transmit said data retrieved from storage under control of said storage controlling step upon elapse of a predetermined time period following transmission of said data in said transmission controlling step.

23. (New) A receiver apparatus comprising:

receiving means for receiving data;

determining means for determining whether or not said data received by said receiving means has been received already based on sequence information which is extracted from said data and which indicates a sequence of said data; and

storage controlling means for discarding said data if said data received by said receiving means is found already received, said storage controlling means further storing said data if said data received by said receiving means is not found received already.

24. (New) The receiver apparatus according to claim 23, wherein, if continuity of said data received by said receiving means is found disrupted on the basis of said sequence information, then said determining means determines whether or not said data is the already-received data.

25. (New) A receiving method comprising the steps of:

controlling reception of data;

determining whether or not said data received in said reception controlling step has been received already based on sequence information which is extracted from said data and which indicates a sequence of said data; and

controlling storage of said data which is discarded if said determining step determines that said data received in said reception controlling step has been received already, said storage controlling step further storing said data if said data is not found received already.

26. (New) A recording medium which records a program in a manner readable by a computer, said program comprising the steps of:

controlling reception of data;

determining whether or not said data received in said reception controlling step has been received already based on sequence information which is extracted from said data and which indicates a sequence of said data; and

controlling storage of said data which is discarded if said determining step determines that said data received in said reception controlling step has been received already, said storage controlling step further storing said data if said data is not found received already.

27. (New) A program for causing a computer to execute a procedure comprising the steps of:

controlling reception of data;

determining whether or not said data received in said reception controlling step has been received already based on sequence information which is extracted from said data and which indicates a sequence of said data; and

controlling storage of said data which is discarded if said determining step determines that said data received in said reception controlling step has been received already, said storage controlling step further storing said data if said data is not found received already.